

From: "Vickstrom, Kyle E." <vickstromke@cdmsmith.com>
To: "Zhen, Davis" <Zhen.Davis@epa.gov>
"John Kern" (b) (6)
CC: "Sheldrake, Sean" <sheldrake.sean@epa.gov>
younghs@cdmsmith.com
"Scott Coffey" <coffeyse@cdmsmith.com>
Date: 6/20/2018 8:20:59 AM
Subject: RE: Maps of Revised Upriver Re-Randomization of Sampling Locations

Hi Davis,

Thank you for forwarding this email from Ken. We will review these figures along with the revised text once the Pre-RD Group provides all of the materials for the D/U Reach.

Best,

Kyle Vickstrom, E.I.
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From: Zhen, Davis <Zhen.Davis@epa.gov>
Sent: Wednesday, June 20, 2018 10:02 AM
To: Vickstrom, Kyle E. <vickstromke@cdmsmith.com>; John Kern (b) (6)
Cc: Sheldrake, Sean <sheldrake.sean@epa.gov>
Subject: FW: Maps of Revised Upriver Re-Randomization of Sampling Locations

Thanks,

Davis Zhen, Manager
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From: Tyrrell, Ken [<mailto:ken.tyrrell@aecom.com>]
Sent: Tuesday, June 19, 2018 6:06 PM
To: Zhen, Davis <Zhen.Davis@epa.gov>
Cc: Scott Coffey <coffeyse@cdmsmith.com>; younghs@cdmsmith.com
Subject: Maps of Revised Upriver Re-Randomization of Sampling Locations

Dear Davis,

Attached are the revised figures showing Re-randomization Sediment Grab Locations in the D/U Reach (they will become Appendix C of the FSP, rerandomization addendum). These maps have been revised to reflect a wider hard bottom area and narrower "Green area" of soft sediment; these changes reflect decisions and agreements made with EPA during June 8 technical call. We appreciate your fast-turn around review of these sample location maps. We'll send you the full FSP text, figure, and table revisions by the end of this week.

Attachments include:

- A mapset containing both the original “excluded mid-channel hard bottom area” along with the revised area for direct comparison, per EPA comment below.
 - Note: these are for your reference only, and will not be included in the FSP.
 - Note: we focused on making changes in river stretches where both soft and hard sediment substrate were classified. If entire stretch had “no fines” we did not worry about reconfiguring the mid-channel area.
- Appendix C Figures (1 through 4), including Figure 4 series - a revised mapset showing rerandomized sampling locations, per EPA comment below.
 - Note: Figure 4 series shows both the probing data and the proposed stations, so one can see all of the data in context.
 - Note: The main text figures will show only the proposed target stations, and present proposed x/y coordinates in the tables.

If you have any questions, please do not hesitate to contact me.

Ken Tyrrell

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